

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
POLLUTION REPORT

DATE: JANUARY 17, 1995

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

D.DIETRICH-ATTN: E. WATKINS, USEPA, OSWER, WASH. D.C.....(E-MAIL)  
R.KARL-ATTN: DON BRUCE, USEPA, OSF, EERB, CHICAGO, IL.....(E-MAIL)  
J.CISNEROS-ATTN: L.BEASELY, USEPA, ESS, EERB, CHICAGO, IL.(E-MAIL)  
M.McCUE-ATTN: USEPA OFFICE OF PUBLIC AFFAIRS, CHICAGO, IL.(E-MAIL)  
T.KRUEGER-ATTN: B.WARNING, USEPA, ORC, CHICAGO, IL.....(E-MAIL)  
DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)  
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT.....(VIA-FAX)  
M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)  
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO, IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 9

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

EPA Region 5 Records Ctr.



247982

1. SITUATION:

- A. Consolidation of drummed materials into compatible waste streams is complete. All waste groups have been bulked.
- B. Site has remained secure. SDI security providing 24 hour armed security service.
- C. Weather: Temperatures have ranged from 20° F to 40° F. During the week of 1/13, rain fall and snow melts contributed to wet conditions on-site.
- D. Labor intensive site and waste stream preparations drawing to a close. Remaining work will be limited to shipment of waste to disposal facilities and miscellaneous housekeeping tasks.

2. ACTIONS TAKEN:

- A. Shipment of the base solids waste stream was completed on 1/9. A total of 46 yd<sup>3</sup> of base solids were shipped to Environmental Quality for land disposal. 23 drums of base sludge material were determined to contain free liquids and could not be bulked with the base solids in the roll off boxes. These drums were repackaged and a sample of this new base sludge waste group was sent to the EMT analytical laboratory for disposal analysis on 1/11.
- B. Consolidation of waste streams into bulk tanks and drums completed 1/11. On 1/9 the crew completed overpacking a total of 63 aluminum paste drums for shipment to Heritage Environmental for fuels blending. Base sludge which could not be consolidated with dry base material into a rolloff box was consolidated into new poly drums between 1/9-11.

- C. Facility acceptance for the nickel liquid, acid liquid, flammable liquid, flammable solid, and caustic liquid waste streams was granted during the week of 1/6.
  - D. Disposal continuing: shipped 17 yd<sup>3</sup> of base solids to Environmental Quality's, Wayne-Canton landfill on 01/9 completing disposal of the base solids; Shipped two 19 yd<sup>3</sup> rolloff boxes of chrome debris to Chem-Met's treatment facility on 1/9 and 1/11. A total of 156 yd<sup>3</sup> have been shipped to date; transported 1,200 gallons of acid liquid on 1/12 to Research Oil's T&D facility in Cleveland, Ohio; a total of 1,800 gallons of caustic liquids were shipped 1/16 to Heritage's treatment facility in Lemont, IL; and, transported 200 gallons of nickel liquid to U.S. Filter on 1/12, for treatment and disposal. Disposal is now complete for the base solid, acid liquid, caustic liquid, and nickel liquid waste streams.
  - F. Crew completed de-heading all closed top drums 1/16 in preparation for drum crushing.
  - G. TAT continued to provide daily air monitoring for volatile organic compounds, CO, and flammable vapor on a periodic basis during site activities. Levels of volatile organic's were found to increase significantly during the first day of drum de-heading requiring the crew to upgrade to level B protection on Friday the 13th. Organic vapor levels decreased over the non-working weekend to allow the crew to return to Level C protection on 1/16.
3. PLANS:
- A. Facility approval pending on 4 waste streams: acid solid; base/neutral liquid (decon water); base sludge; and, 1-drum of phenol. RES T&D Coordinator trying to schedule transportation of the aluminum paste, and flammable liquids and solids waste streams. A total of 11 waste streams remain on site pending disposal.
  - B. PRPs to dispose of approximately 5,000 gallons of chromic acid and 6 drums of chromic acid sludge. See Key Issues below.
  - C. Crush and load all staged empty steel drums into rolloff box 1/19, and ship to disposal facility 1/20.
  - D. Site demobilization scheduled on 1/27 for U.S. EPA OSC training. During this time it is expected that all waste streams not scheduled for shipment will be scheduled for the first week in February, 2/6.
  - D. Continue open lines of communication with local City and State officials.
4. KEY ISSUES:
- A. One of the PRPs for the site agreed to an Administrative Order by Consent to dispose of approximately 5,000 gallons of chromic acid and 330 gallons of chromic acid sludge. No definite date has been give by the PRPs to send the waste to EMETCO's, Elwood City, PA, facility for reclamation and treatment. It is expected that this activity will be completed by the third week in January '95.

- B. Damage to decon trailer water pipes, caused by extreme cold temperatures the week of 1/6, has been repaired. Although weather has been mild, 50 kw generator providing power to the support zone continues to run 24 hours/day to keep trailers heated.
- C. The base/neutral liquid waste stream was rejected by the Clean Harbors Chicago, IL, facility because of elevated levels of tetrachloroethylene (2,130 ppm). It would be preferable to ship this large, c.15,000 gallon, waste stream before the 1/27 demobe because of the potential for a release from the temporary storage tanks due to freezing temperatures or vandalism.

5. COSTS:

- A. Case open;  
B. Costs through 01/13/95;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 637,775 <sup>(1)</sup>	\$ 441,082.61	\$ 226,692.39
TAT	108,000	76,563.88	31,436.12
USEPA-DIR	29,700	17,010.00	12,690.00
USEPA-INDR	54,900	34,534.20	20,365.80
TOTALS	\$ 830,375	\$ 569,955.02	\$ 291,184.31

(1) Includes a delivery order ceiling increase of \$97,275.  
END